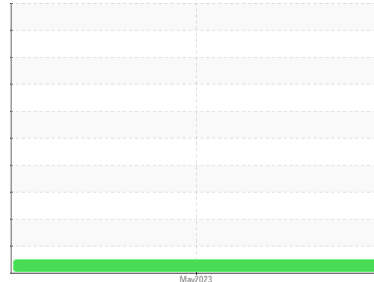




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**DWGCWLDATJ1010043**

Component  
**Transmission (Manual)**  
Fluid  
**DOOSAN 15W40 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the fluid.

### Fluid Condition

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	<b>WC0811268</b>	---	---
Sample Date	Client Info	<b>29 May 2023</b>	---	---
Machine Age	hrs Client Info	<b>7560</b>	---	---
Oil Age	hrs Client Info	<b>1560</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history 1	history 2
Iron ppm ASTM D5185(m)	>200	<b>41</b>	---	---
Chromium ppm ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Nickel ppm ASTM D5185(m)	>5	<b>0</b>	---	---
Titanium ppm ASTM D5185(m)		<b>0</b>	---	---
Silver ppm ASTM D5185(m)	>7	<b>1</b>	---	---
Aluminum ppm ASTM D5185(m)	>25	<b>5</b>	---	---
Lead ppm ASTM D5185(m)	>45	<b>&lt;1</b>	---	---
Copper ppm ASTM D5185(m)	>225	<b>5</b>	---	---
Tin ppm ASTM D5185(m)	>10	<b>0</b>	---	---
Antimony ppm ASTM D5185(m)		<b>&lt;1</b>	---	---
Vanadium ppm ASTM D5185(m)		<b>0</b>	---	---
Beryllium ppm ASTM D5185(m)		<b>0</b>	---	---
Cadmium ppm ASTM D5185(m)		<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history 1	history 2
Boron ppm ASTM D5185(m)		<b>2</b>	---	---
Barium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---
Molybdenum ppm ASTM D5185(m)		<b>40</b>	---	---
Manganese ppm ASTM D5185(m)		<b>1</b>	---	---
Magnesium ppm ASTM D5185(m)		<b>824</b>	---	---
Calcium ppm ASTM D5185(m)		<b>1123</b>	---	---
Phosphorus ppm ASTM D5185(m)		<b>1155</b>	---	---
Zinc ppm ASTM D5185(m)		<b>1187</b>	---	---
Sulfur ppm ASTM D5185(m)		<b>2972</b>	---	---
Lithium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

## CONTAMINANTS

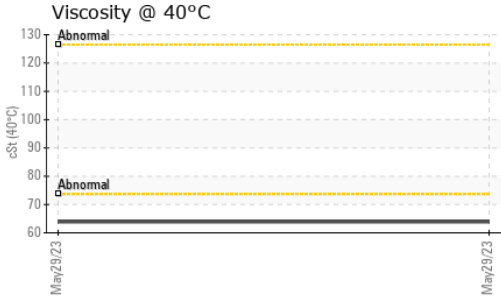
method	limit/base	current	history 1	history 2
Silicon ppm ASTM D5185(m)	>125	<b>6</b>	---	---
Sodium ppm ASTM D5185(m)		<b>27</b>	---	---
Potassium ppm ASTM D5185(m)	>20	<b>4</b>	---	---

## VISUAL

method	limit/base	current	history 1	history 2
White Metal scalar Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal scalar Visual*	NONE	<b>NONE</b>	---	---
Precipitate scalar Visual*	NONE	<b>NONE</b>	---	---
Silt scalar Visual*	NONE	<b>NONE</b>	---	---
Debris scalar Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt scalar Visual*	NONE	<b>NONE</b>	---	---
Appearance scalar Visual*	NORML	<b>NORML</b>	---	---
Odor scalar Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water scalar Visual*	>0.1	<b>NEG</b>	---	---
Free Water scalar Visual*		<b>NEG</b>	---	---



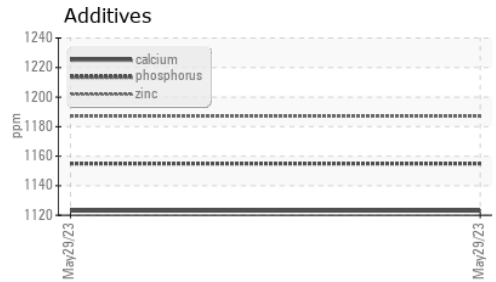
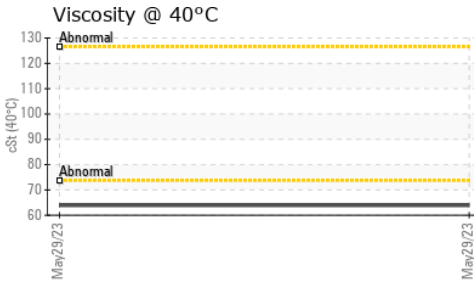
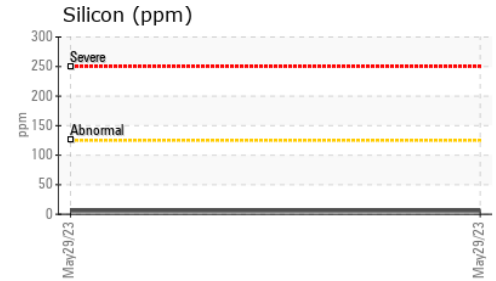
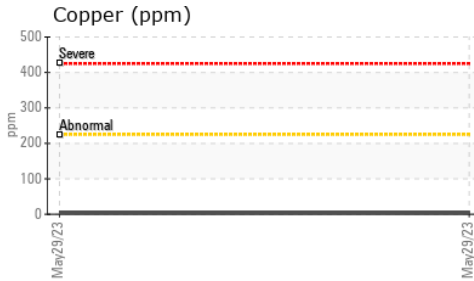
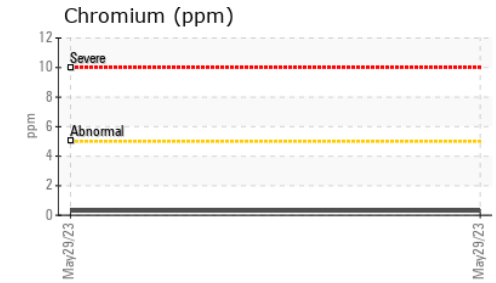
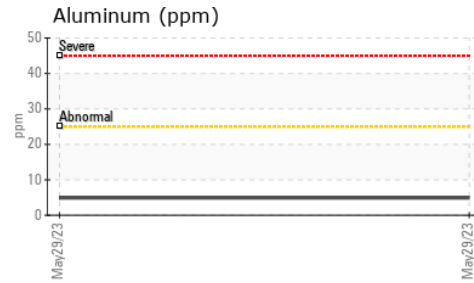
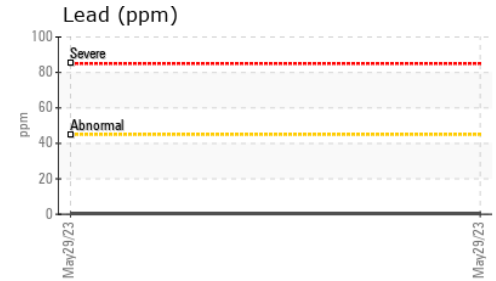
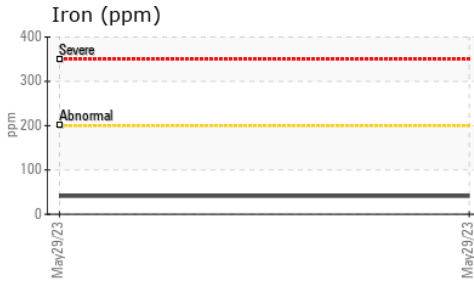
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D7279(m)		<b>63.9</b>	---	---

SAMPLE IMAGES		method	limit/base	current	history 1	history 2
Color					no image	no image
Bottom					no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0811268      **Received** : 05 Jun 2023  
**Lab Number** : **02561830**      **Diagnosed** : 06 Jun 2023  
**Unique Number** : 5590871      **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1

**C.G. EQUIPMENT**  
 7367 Wellington Rd. 30, Unit A  
 Guelph, ON  
 CA N0M 2T0  
 Contact: Maureen McDonald  
 mmcdonald@cgequipment.com  
 T:  
 F: (519)837-2055

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.